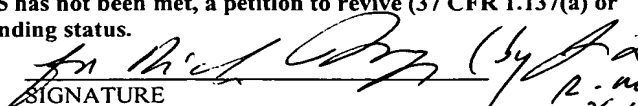| FORM PTO-1390 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE (REV. 10-2003) TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371	ATTORNEY'S DOCKET NUMBER 10191/4194
	U.S. APPLICATION NO. (If known, see 37 CFR 1.5) **10/540331**

INTERNATIONAL APPLICATION NO. PCT/DE03/04110	INTERNATIONAL FILING DATE 12 December 2003 (12.12.03)	PRIORITY DATE CLAIMED: 19 December 2002 (19.12.02)

TITLE OF INVENTION
SENSOR ELEMENT

APPLICANT(S) FOR DO/EO/US

Hans-Martin WIEDENMANN, Lothar DIEHL, Thomas MOSER, and Stefan RODEWALD

Applicants herewith submit to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.

2. ☐ This is a **SECOND or SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.

3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.

4. ☐ The US has been elected (Article 31).

5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))

    a. ☐ is attached hereto (required only if not communicated by the International Bureau).

    b. ☒ has been communicated by the International Bureau.

    c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).

6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).

    a. ☒ is attached hereto.

    b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).

7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))

    a ☐ are attached hereto (required only if not communicated by the International Bureau).

    b. ☐ have been communicated by the International Bureau.

    c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.

    d. ☒ have not been made and will not be made.

8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).

9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)) (unsigned)

10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.

12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.

13. ☒ A preliminary amendment.

14. ☐ An Application Data Sheet under 37 CFR 1.76.

15. ☒ A Substitute Specification, and a mark-up copy thereof.

16. ☐ A power of attorney and/or change of address letter.

17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.

18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).

19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

20. ☒ Other items or information: International Search Report (translated), and Form PCT/RO/101.

Express Mail No.: EV 323026242 US

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/540331	INTERNATIONAL APPLICATION NO. PCT/DE03/04110	ATTORNEY'S DOCKET NUMBER 10191/4194

The following fees are submitted:

21. ☒ Basic National Fee ....$ 300.00	$ 300.00	
22. ☐ Examination Fee —If International preliminary exam report prepared by USPTO and all claims satisfy provisions of PCT Article 33/(1)(4)...............................$ 100.00 ☒All other situations...$ 200.00	$ 200.00	
23. ☐ Search Fee —Search Fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as ISA...$ 100.00 ☒ International Search Report prepared and provided to the Office. $ 400.00 —All other situations..$ 500.00	$ 400.00 $	
TOTAL OF (21), (22), & (23) =	$ 900.00	

☐ Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing on computer program listing filed in an electronic medium). The fee is $250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
-100	/50=		x $250	$	

Surcharge of $130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				$	
CLAIMS	**NUMBER FILED**	**NUMBER EXTRA**	**RATE**		
Total Claims	9 - 20 =		x $50.00	$	
Independent Claims	1 - 3 =		x $200.00	$	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ $360.00	$	
TOTAL OF ABOVE CALCULATIONS =				$ 900.00	
☐ Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.					
SUBTOTAL =				$ 900.00	
Processing fee of $130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				$	
TOTAL NATIONAL FEE =				$	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet. $40.00 per property.				$	
TOTAL FEES ENCLOSED =				$ 900.00	

a. ☐ A check in the amount of $_____ to cover the above fees is enclosed.	**Amount to be refunded:**	$
b. ☒ Please charge my Deposit Account No. **11-0600** in the amount of $900.00 to cover the above fees. A duplicate of this sheet is enclosed.	**Amount to be charged**	$ 900.00

c. ☒   The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to ....Deposit Account No. **11-0600**. A duplicate copy of this sheet is enclosed.

d. ☐   Fees are to be charged to a credit card. **WARNING: Information on this form may become public. Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:
KENYON & KENYON
One Broadway
New York, New York 10004
CUSTOMER NO. 26646

SIGNATURE
Richard L. Mayer (Reg. No. 22,490)
NAME
6/20/05
DATE

FORM PTO-1390 (REV 10-2003)